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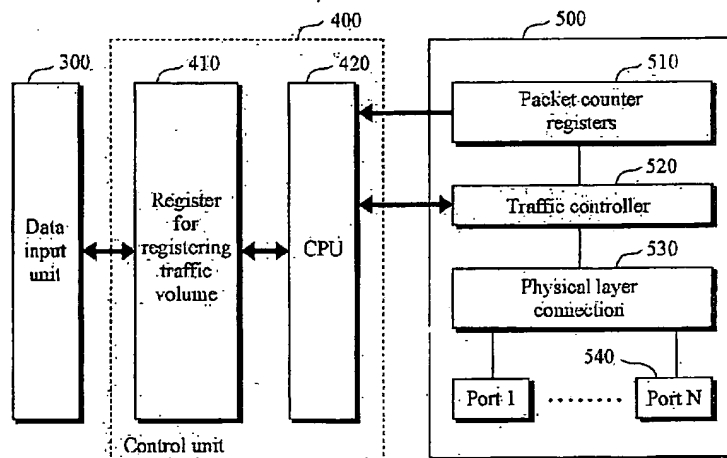
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(54) Title: NETWORK TRAFFIC CONTROL SYSTEM



(57) Abstract: A network traffic control system, where traffic can be controlled by allowing a rate limit for each of the communication ports to be arbitrarily set, even in the case that its switching processor does not support the rate limiting capability. The network traffic control system in accordance with the present invention comprises: a switching processor, including a plurality of ports connectable to a network line and packet counter registers for storing counting information on packets ingressed and egressed through the plurality of ports, for controlling ingress and egress packet traffic volume for each of the plurality of ports in response to an input traffic control command; and a controller for registering, as a user value, traffic volume for each of the plurality of ports in an internal register, the traffic volume being inputted through a data input unit, and for comparing a user value for each of the plurality of ports with a value in a respective one of the packet counter registers for each port so as to output the input traffic control command for each port to the switching processor.

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